

Docket No.: 043877-0145

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled CERAMIC BLOCK WITH BUILT IN ELECTRODE AND METHOD OF MANUFACTURE THEREOF, the specification of which

- is attached hereto.
- was filed on June 21, 2005, as PCT International Application Number PCT/JP2005/012255 and was amended on (if applicable), or
- is a Continuation-In-Part (CIP) of Application Number , filed

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56 including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35, United States Code, Section 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's right certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's, or plant breeder's rights certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Applications(s):

| Number | Country | Day/Month/Year filed | Priority Claimed |
|----------------|---------|----------------------|-------------------------------------|
| JP 2004-182505 | Japan | June 21, 2004 | <input checked="" type="checkbox"/> |

I hereby claim the benefit under 35 United States Code, Section 119(e) of any United States provisional application(s) listed below.

Prior Provisional Application(s):

| Application Number | Filing Date |
|--------------------|-------------|
| | |

I hereby claim the benefit under 35, United States Code, Section 120 of any United States application(s) or 365(c) of any PCT international application designating the United States, listed

below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s):

Application No. Filing Date Status: Patented, Pending, Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the registered practitioners of McDermott Will & Emery LLP, included in the Customer Number provided below, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

CUSTOMER NUMBER 31824

Send correspondence to the address associated with Customer Number 31824

McDermott Will & Emery LLP
18191 Von Karman Ave., Suite 500
Irvine, CA 92612-7108

Direct Telephone Calls to: Telephone 949.851.0633

Full name of sole or first inventor: Shigemi SUZUKI

Inventor's signature:

Date: August 5, 2006

Residence: Ishikawa, Japan

Citizenship: Japan

Post Office Address: c/o Sodick EMG Co., Ltd., Ho-49-1, Yokaichimachi,
Kaga, Ishikawa 922-0336, Japan

Full name of sole or second inventor: Kazuyuki DEGUCHI

Inventor's signature:  Date: August. 22. 2006

Residence: Ishikawa, Japan

Citizenship: Japan

Post Office Address: c/o Sodick EMG Co., Ltd., Ho-49-1, Yokaichimachi,
Kaga, Ishikawa 922-0336, Japan

Full name of sole or third inventor: Yoshiharu ISHIMI

Inventor's signature:  Date: August. 7. 2006

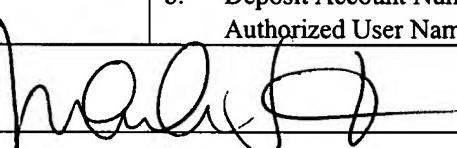
Residence: Ishikawa, Japan

Citizenship: Japan

Post Office Address: c/o Sodick EMG Co., Ltd., Ho-49-1, Yokaichimachi,
Kaga, Ishikawa 922-0336, Japan

Docket No.: 043877-0145**PATENTS ONLY**

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

| | | |
|--|--|---|
| 1. Name of Conveying Party(ies) 1) Shigemi SUZUKI; 2) Kazuyuki DEGUCHI; and 3) Yoshiharu ISHIMI | | 2. Name and address of receiving party(ies) Name: SODICK CO., LTD. Address: 3-12-1, Nakamachidai Tsuzuki-ku, Yokohama Kanagawa 224-8522, JAPAN |
| Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of Conveyance/Execution Date(s) Execution Date(s): 1) August 5, 2006 2) August 22, 2006 3) August 7, 2006 | | |
| <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other | | |
| 4. Application or patent number(s): A. Patent Application No(s). 10/590,360 | | |
| <input type="checkbox"/> This document is being filed together with a new application. B. Patent No(s). | | |
| Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: McDERMOTT WILL & EMERY LLP Internal Address: Street Address: 18191 Von Karman Ave., Suite 500 City: Irvine State: CA Zip: 92612-7108 Phone Number: 949.851.0633 Fax Number: 949.851.9348 Email Address: | | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) |
| 8. Payment Information: a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number 502203 Authorized User Name Mark J. Itri | | |
| 9. Signature. Mark J. Itri Reg. No.36,171  May 11, 2007 | | |
| Name and Registration No. of Person Signing | | Signature |
| Total number of pages including cover sheet, attachments and documents: 2 | | |

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| Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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| 5. Name and address to whom correspondence concerning document should be mailed: Name: McDERMOTT WILL & EMERY LLP Internal Address: Street Address: 18191 Von Karman Ave., Suite 500 City: Irvine State: CA Zip: 92612-7108 Phone Number: 949.851.0633 Fax Number: 949.851.9348 Email Address: | | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) |
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| 9. Signature. Mark J. Itri Reg. No.36,171 | | May 11, 2007 |
| Name and Registration No. of Person Signing | | Signature |
| Total number of pages including cover sheet, attachments and documents: 2 | | |

ASSIGNMENT

WHEREAS WE, Shigemi SUZUKI, Kazuyuki DEGUCHI, Yoshiharu ISHIMI, all of c/o Sodick EMG Co., Ltd., Ho-49-1, Yokaichimachi, Kaga, Ishikawa 922-0336, Japan, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled CERAMIC BLOCK WITH BUILT IN ELECTRODE AND METHOD OF MANUFACTURE THEREOF, and filed concurrently herewith;

AND WHEREAS, Sodick Co., Ltd., a corporation of Japan and having an address of 3-12-1, Nakamachidai, Tsuzuki-ku, Yokohama, Kanagawa 224-8522, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Sodick Co., Ltd., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Sodick Co., Ltd., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

August 5, 2006

鈴木茂美

Shigemi SUZUKI

Date

Aug 5. 22. 2006
~~August. 7 2006~~

Kazuyuki DEGUCHI

出 口 一 之

Date

August 7. 2006

Yoshiharu ISHIMI

石見嘉治